

New Drug Combo to Treat Acute Myeloid Leukemia

WHY IS ACUTE MYELOID LEUKEMIA (AML) HARD TO TREAT?

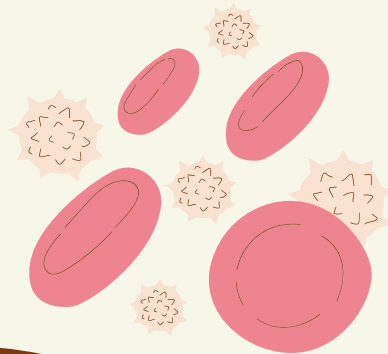
This type of blood cancer is caused by different DNA mutations (changes). One mutation called NRAS causes fast growth and spread of cancer, and current treatment does not work well against it.

WHAT DID WE FIND?

Researchers found that two drugs called quisinostat and trametinib used together helped mice with AML live much longer by activating (boosting) their immune systems. More studies are needed to see how to treat humans using these drugs.

WHAT DID WE STUDY?

Researchers tested 2,500 drugs in AML cancer cells and mice to see what treatment could work for humans.



Meher Gayatri Bolisetti, Jing Li, Bei Jia, Esra'a Keewan, Erik A. Ranheim, Kalyan V.G Nadiminti, Hong Zheng, Xiaona You, Jing Zhang. AACR 2025 Annual Meeting.



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